Amateur Radio Newsline report number 1692 with a release date of Friday, January 15, 2010 to follow in 5-4-3-2-1.

The following is a Q-S-T. Ham radio responds as an earthquake ravages Haiti, Sweden pulls interference causing B-P-L gear off store shelves, the FCC appears headed toward an extreme makeover and the sound of heavy and light iron will be taking to the air the weekend of February 7th. Find out the details on Amateur Radio Newsline(tm) report number 1692 coming your wayright now.

(Billboard Cart Here)

**

RESCUE RADIO: HAM RADIO FIRST RESPONDERS ACTIVATE FOLLOWING HAITI QUAKE

A powerful earthquake has struck off the coast of Haiti. The tremor hit on Tuesday, January 12th at 2153 UTC. According to the US Geological Survey the epicenter was about 10 miles south-west of Port-au-Prince and hit a magnitude 7.3 on the Richter Scale. The first tremor was followed by two aftershocks with magnitudes of 5.9 and 5.0.

Soon after the first jolt amateur radio first responders were activated in Cuba to listen for any distress calls from is Caribbean neighbor. Bill Pasternak, WA6ITF, is in the newsroom with more.

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HH2JR: " I am able to communicate for the first time. I hope you are copying me OK. The situation is chaotic and I am only alive thanks to god. Over."

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That's just part of a conversation captured by Newsline listener Brian Crow, K3VR, on Wednesday, January 13th as hams in quake ravaged Haiti began returning to the airwaves. Jean-Robert Gaillard, HH2JR, was one of the first and with Fred Moore, W3ZU, running the patch he described what Haiti was like when he finally was able to get a chance to view the devastation first hand:

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HH2JR: "Yesterday was really bad but I managed today to go and visualize -- myself and a couple of friends. We took some pictures and its really chaotic. I've never been through a war but its what a war (signal fade). Dead bodies all over the place and dead bodies (signal fade) to be buried."

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HH2JR also described the aftershocks:

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HH2JR: "I'm OK and my house is OK and that's all I can tell you. (signal fade) We have had thirty aftershocks, Repeat three zero aftershocks since the big one yesterday at ten (minutes) to five in the afternoon. Over to you."

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That contact was among the first of the personal ham radio on scene accounts of living through a killer quake but not the first ham radio response to this disaster. Soon after the quake hit, CQ Magazine editor Rich Moseson, W2VU, put out an e-mail alert that quoted IARU Region 2 Area C Emergency Coordinator, Arnie Coro, CO2KK. Corro said that he was already coordinating a multi-national response by hams with organized nets on 7.045 and 3.720 MHz. The net control stations were identified as CO8WM and CO8RP located in the city of Santiago de Cuba. According to Corro these nets were in direct contact with the National Seismology Center of Cuba located in that city. CO2KK asked hams world-wide to monitor the two net frequencies, but to also keep them clear of non-essential traffic. International Radio Emergency Support Coalition is also active on EchoLink node 278173.

On Wednesday the ARRL put out a notice saying that amateur radio operators should also be aware that emergency traffic pertaining to the Haitian earthquake is expected on the Salvation Army SATERN net frequencies. According to SATERN's leader, Major Pat McPherson, those frequencies are 14.265, 7.265 and 3.977 MHz. The Salvation Army is accepting health and welfare traffic requests on its Web site.

As to the health and welfare of hams living in Haiti. Part of that was covered in the January 13 edition of The Daily DX newsletter. It reported that the Reverend John Henault, HH6JH, made contact late Wednesday morning with the Intercontinental Assistance and Traffic Net on 14.300 MHz. This is the IARU Global Center of Activity frequency for emergency communications. HH6JH said that he was safe, but had no power and no phone service. Also that he was operating on battery power and hoping to get a generator running later in the day. The newsletter also noted that Pierre Petry, HH2/HB9AMO who was in Cap Haitien about 140 km north of Port-au-Prince is okay. Petry is in Haiti working for the United Nations World Food Program.

Daily DX also reports that members of two ham radio groups from the neighboring Dominican Republic, the Radio Club Dominicano (RCD) and Union Dominicana de Radio Aficionados (UDRA) are preparing to go to Port au Prince. Once there the team will be installing an emergency radio communications station operating as HI8RCD/HH and a mobile station. The team of Dominican Republic Amateur Radio operators includes HI8PGG, HI8FLB, HI8CJG, HI8DBF, HI8SAR, HI8JLH, HI8ROD and HI3TEJ.

The situation in Haiti is still chaotic and literally changing from moment to moment. The most important thing is to keep 3.720, 7.045, 7.265, 14.265 and 14.300 clear for emergency and priority traffic and quake relief nets on these frequencies. We will post updates in text form on our Newsline Facebook web update page as they become available. To access it just go to facebook.com and friend Amateur Radio Newsline.

And for the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in Los Angeles. Don

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Haiti's ambassador to the United States is Raymond Joseph. He called the quake a major catastrophe, telling the various news services that he is calling on friends of Haiti to come to the country's aid. (ARNewsline(tm), CQ, ARRL, SATERN, Daily DX. Audio supplied by K3CR)

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RESCUE RADIO: NEBRASKA MAY ASSURE WEATHER SPOTTERS EMEREGENCY LIGHTS

Still with rescue radio related news, word that a measure has been introduced into the Nebraska state legislature to assure that storm and severe weather spotters will be permitted to continue to have distinctive lighting on their vehicles. This after several of the states Emergency Coordinators and others involved in crisis communications in Nebraska raised concerns last year about a new law that prohibited such visual notification devices being used.

Many weather spotters felt that these lights protected them while parked in isolated areas where occasional high speed traffic presented a danger. Now, thanks to James R. Reider, K0JWR, a bill was introduced on January 6th by District 28 Senator Bill Avery to amend the law on vehicle lighting to allow use of distinctive amber lights by storm-spotters.

In part the measure states that rotating or flashing amber lights can be displayed by any motor vehicle being operated by or on behalf of a weather spotter. This, by a person who holds an unrevoked and unexpired amateur radio station license issued by the Federal Communications Commission. It also applies to emergency management workers while they are engaged in responding to an emergency.

The measure has been designated as Nebraska is LB 719 and is available for download at the U-R-L in this weeks printed Amateur Radio Newsline report. Nebraska hams are being asked to take a moment and send an email or letter to their respective State Legislators in support of this bill. You download the .pdf of the bill at http://nebraskalegislature.gov/FloorDocs/Current/PDF/Intro/LB719.pdf
 (K0AIZ)

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THE BPL WAR: SWEDEN WITHDRAWS SOME BPL/PLT MODEMS FROM MARKETPLACE.

Score one in the BPL war for ham radio. The latest issue of the EUROCOM newsletter has a welcome item on the withdrawal by Sweden of polluting Power Line Adapters.

The January 5th edition notes that Sweden has withdrawn some Broadband over Powerline or PLT Modems of the nations market. The Swedish administration argued that those devices did not meet the protection provided by the harmonized standard. It also noted that in many cases harmful interference could actually be measured. It said that in those

cases reception in accordance with ITU Regulation was no longer possible an therefore the essential requirements violated. (Southgate)

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RADIO LAW: AUSTRAILIAN RADAR LEAVES 10 MHz HAM BAND

The IARU R1 website reports that an ionespheric Radar in Australia has left the amateur radio spectrum in the 10 MHz band. The report says that following complaints filed by VK4DU and DJ9KR to the La Trobe University that the Tiger Radar in Bruny, Tasmania agreed to change the frequency data bases. Also. Guarantees were made that in the future no ham radio band will be interfered by this ionespheric radar system. (IARU Region 1)

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HAM RADIO IN SPACE: INDIA'S STRUDSAT TO LAUNCH IN MARCH

India's StudSat or Student Satellite, now slated for a March 2010 launch and will carry a camera capable of 90 meter resolution.

StudSat is described as a small cube weighing about 850 grams. The satellite is intended to be launched in 700 km Sun-synchronous orbit. It will perform the function of a remote sensing satellite and take images of earth's surface with a resolution of 90 meters, the best achieved by any "PICO" category satellite in the world.

Radio wise it will likely carry a 10 milliwatt UHF CW beacon and also a half duplex FSK link with 1 watt output also on UHF. Work on StudSat started in 2007. And we will have more ham radio space related news later on in this weeks Amateur Radio Newsline report. (ANS)

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BREAK 1

 From the United States of America, We are the Amateur Radio Newsline, heard on bulletin stations around the world including the Three Rivers Amateur Radio Club repeater serving Philadelphia, Pennsylvania.

(5 sec pause here)

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RADIO POLITICS: AN EXTREME MAKEOVER FOR THE FCC

FCC Chairman Julius Genachowski is asking for public assistance on how his agency can better serve the needs of America. On January 7th, the FCC Chairman announced the establishment of a new website called Reboot.FCC.gov. Genachowski calls it the first ever website dedicated to soliciting public input on ways to improve citizen interaction with the FCC. Amateur Radio Newsline's Bruce Tennant, K6PZW, has more:

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In his own words, FCC Chairman Julius Genachowski sees the new website as creating a forum. One where the public can participate in improving the FCC.

According to Genachowski, his agency wants to change the way it is seen by the American public. And in his remarks following the new cyberspace portal's launch he called it a website dedicated to public education and discussion on how the FCC can continue to improve its operations, both on and offline.

The Reboot.FCC.gov Web site highlights five key elements of FCC reform for public discussion and feedback. These are the redesign of the primary FCC Web site at www.fcc.gov. This, to better serve the needs of the American people.

Second is the launch of an additional website called FCC.gov/data. This to serve as an online clearinghouse for the Commission's public data.

There is also what the FCC Chairman terms as the reevaluation of how citizens engage in government and exploring new ways to increase public participation through the use of new media tools. Another point involves overhauling and reforming the systems available on the FCC's primary website.

Finally, but by no means least is modernizing the efficiency of agency proceedings. This last initiative also seeks input on ways to improve the quality of agency decision-making, reduce backlogs and enhance the public's ability to understand and participate in Commission proceedings. To assist in accomplishing this goal, the new website also plays host to the first ever FCC wide blog, online workshops on the Commission's reform agenda and the first set of new tools to increase transparency and access to public data.

Julius Genachowski says that transforming the FCC into a model of excellence in government is one of his top priorities. But he adds that the success of such a transformation depends on strong public participation throughout the process.

For the Amateur Radio Newsline, I'm Bruce Tennant, K6PZW, watching and reporting on this FCC extreme makeover from Los Angeles.

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FCC Chairman Genachowski says that this is an effort that is consistent with the President Obama's Open Government directive. This as a method of creating a forum where the public can participate in improving the FCC. (FCC)

**

RADIO LAW: WHITE SPACE WIRELESS MIC BILL GETS INDUSTRTY SUPPORT

A bill introduced by Representative Bobby Rush of Illinois that would require the FCC to allow thirteen classes of professional wireless microphones to register in a location database has won industry support from microphone manufacturer Shure. Just prior to the January 4th

commentary cutoff sate the company threw its weight in favor of the so-called protected white spaces that would protect professional wireless mics from interference caused by such devices as wireless laptop computers and smart radios that the FCC is allowing to share the TV band as well.

The database will show users that the new unlicensed wireless devices must avoid when searching for channels to use. The protected classes of wireless microphones include those used at amusement parks, arenas, convention centers, educational facilities, fairgrounds, government facilities, houses of worship, lodging facilities, museums, recording studios, restaurants, stadiums and theaters. Not protected are consumer level wireless mics that have become popular with wedding photographers and home video hobbyists including some hams who use them for amateur TV related projects. (B&C)

**

ENFORCEMENT: TEXAS UNLICENSED STATION WHICH CLAIMED FCC HAD NO JURISDICTION FINED $10000

A couple who claimed that the FCC had no jurisdiction over their unlicensed radio station because it operated only in Texas will have to pay a $10,000 fine after all. Amateur Radio Newsline's Mark Anramowicz, NT3V, reports:

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This story goes back to last August when in response to a complaint the Houston office of the FCC's Enforcement Bureau used its direction-finding gear to T-hunt down an illegal signal 90.1 MHz. to an Austin home. It then issued a notice of unlicensed operation Jerry and Deborah Stevens which the Stevens acknowledged. The Stevens then requested additional time to provide information in their reply.

The commission granted 30 days to provide the information it had requested. During that time the investigating agents identified further illegal broadcasts on two subsequent dates as coming from the Stevens' property. The Stevens' responded by admitting operating radio transmitting equipment, though only within the boundaries of the state of Texas. They also questioned the FCC's jurisdiction over intrastate communications.

In November the FCC issued its $10,000 Notice of Apparent Liability to the couple. The Stevens contested it and again questioned the FCC jurisdiction in the matter. They also questioned whether the resident agent who signed the N-A-L had the authority to do so.

Now the FCC has upheld the Notice of Apparent Liability against the Stevens for their 90.1 MHz unlicensed operation. In doing so the agency reiterated that the law explicitly sets forth the commission's jurisdiction over all radio transmissions, both interstate and intrastate.

But the finding goes further. The FCC order states that resident agents at each installation are delegated authority by the Commission to act upon applications, requests or other matters, which are not in hearing status. As such resident agents may indeed issue a written notice of apparent liability in cases where they believe that FCC rules or the

Communications Act have been violated. It then ordered that the N-A-L be confirmed and ordered the Stevens to pay.

Watching the FCC enforcement log, I'm Mark Abramowicz, NT3V, in Philadelphia for the Amateur Radio Newsline.

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The fine was confirmed by the regional director of the South Central Region of the Enforcement Bureau. The Stevens' were given the customary 30- days to pay the fine or to file an appeal. The complete finding in this case is on-line at http://www.fcc.gov/eb/FieldNotices/2003/DOC-294712A1.html (FCC)

**

PUBLIC SERVICE: HAM RADIO AND THE B2V CHALLENGE CUP RELAY

Hams are once again needed to assist in providing communications for the Santa Clarita, California contingent taking part in the upcoming Baker to Vegas Challenge Cup Relay. The race takes place April 16th to the 18th. The course begins about 12 miles west of Baker California on Highway 127, heads to the fabled city of Pahrump, Nevada, turns onto the Blue Diamond Highway towards Las Vegas.

There 250 teams each with 26 runners, 3 support vehicles with at least two support people in each vehicle divided by two shifts each supported by 12 volunteer ham radio operators. There are 20 stages to this event and they do run through the night, hot, cold, high winds and rain.

If this event interests you and you would like to volunteer, please contact KI6CCW (a)t arrl (dot) net. More about the Baker to Vegas Challenge Cup Relay is on-line at www.bakervegas.com. (KI6CCW)

**

PUBLIC SERVICE: THE BOSTON MARATHON AND HAM RADIO

Amateur radio volunteers are also be needed for communications assistance for the April 19th Boston Marathon. The 26 mile course follows a route from rural Hopkinton to Boston. Marathon Amateur Radio Communications is a consortium built on the cooperative efforts of the Framingham Amateur Radio Association and Minuteman Repeater Association. These clubs work together to provide radio communications along the entire route of the event. If you want to volunteer for this one just take your web browser to www.mmra.org/marc and follow the instructions to sign up. (K1KW)

**

NAMES IN THE NEWS: UTAH HAM AND TEACHER HONORED BY GOVERNOR

Some names in the news. First up is Glen Westbroek, KD7LLE, who is an Orem, Utah, ham radio operator and Junior High School science and technology teacher. Westbroek was one of seven recipients presented with the Governor's Medal for Science and Technology at a January 5th ceremony in Salt Lake City.

According to a news release from the Governor's Office of Economic Development, Westbroek has taught at Orem Junior High since 1995 and has traveled the state sharing his expertise. He received the award for his contributions to professional teacher development in Utah's science core as well as for his creation of "Sci-ber Text." "Sci-ber Text" is Utah's online textbook for grades 3 through 9.

Westbroek was presented the award personally from Utah Governor Gary Herbert. The online "Sci-ber Text" created by KD7LEE can be found at http://utahscience.oremjr.alpine.k12.ut.us.   (Provo Daily Hearald)

**

NAMES IN THE NEWS: 2009 YASME EXCELLENCE AWARD WINNERS NAMED

The Directors of The Yasme Foundation have announced the recipients of the 2009 Yasme Excellence Awards. Those named include Jamie Dupree, NS3T, for his creation of the Radiosport Web site; Bob Bruninga, WB4APR, for the invention of APRS and George Wallner, AA7JV and Tomi Pekarik HA7RY for their DXpeditions to Mellish Reef.

Also named are Tursoon-Zadeh, EY8MM who created central Asia beacons on 160 and 6 meters, Don Hill, AA5AU for his leadership in RTTY contesting and Rich Strand, KL7RA. Strand was the driving force behind the highly successful W1AW/KL7 and KL5O operations, both of which highlighted a resurgence in Alaskan contesting and DX activity.

The YASME Foundation say that these awards will be presented from time to time as the board feels appropriate. They will be given for service and dedication to amateur radio as recognized by the foundation's directors.
 (N7NG)

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BREAK 2

This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only official website at www.arnewsline.org and being relayed by the volunteer services of the following radio amateur:

(5 sec pause here)

**

EMERGING TECHNOLOGY: E-COUPONS AND INSTANT DISCOUNTS GAINING IN POPULARITY

its new to the general public but not to amateur radio. Jim Meachen, ZL2BHF, has the latest on instant discounts and electronic coupons:

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Electronic coupons, arriving by cell phone, e-mail and posted on social networking websites are helping generate new business among younger customers.

According to coupon processing company Inmar Inc., use of electronically generated discounts by those under 30 has more than doubled in the first half of 2009 compared with the same period last year. They now account for more than 3 percent of all coupons used. That's up from roughly 2 percent in 2008.

Electronic coupons offer the same benefits for retailers as any discount program. This equates to increased consumer traffic, increasing sales, building loyalty, and attracting new customers. Best of all from a merchandising standpoint is that potential customers can print digital coupons from Web sites or e-mail, and eliminating the cost of postage to the company making the offer.

Im Jim Meachen, ZL2BHF.

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We should add that electronic coupons and instant discounts are not new in amateur radio as many hams are well aware. Many manufacturers have been offering one or the other for years. (EIN)

**

HAM RADIO IN SPACE: SEEDS CO-66 IN A NEAR MISS

In heam radio space related news the Japan Amateur Radio League website is reporting that part of a Russian rocket came close to the SEEDS CO-66 amateur radio satellite. The near miss occurred on January 7th when the rocket body is said to have come within 100 meters of the ham radio bird. No damage occurred to SEEDS from the incident. You can monitor CO-66 on 437.485 MHz using either CW running 110 milliwatts or FM with 450 milliwatts out. (JARL)

**

HAM RADIO IN SPACE: HAM LEAD GROUP TO BUILD EUROPEAN GPS SATELLITE SYSTEM

Surrey Satellite Technology in the United Kingdom which is headed up by Martin Sweeting, G3YJO, has been awarded a contract to build 14 spacecraft in cooperation with O-H-B in Germany. This, for the Galileo Satellite Navigation project.

The contract was announced by the European Commission in Brussels. The Galileo project is intended as an the European Union's version of the US Global Positioning System but also implementing a number of significant improvements. This will mean that it should give users quicker, more reliable fixes, and enable them to locate their positions with an error of one meter as compared with the current GPS error level of several meters.

Plans are to have the satellites coming off the the production line in the second half of 2012. Arianespace will use Russian-built Soyuz rockets to launch these global positioning spacecraft in batches of two. System planners say that by early 2014 there could be up to 16 spacecraft in the Galileo network. That they say is enough to make a significant difference to users with Galileo and GPS-enabled receivers. (G1LKJ, BBC,

SpaceHorizons)

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RADIO IN SPACE: KEPLER SPACE TELESCOPE DISCOVERS 5 NEW PLANETS

The orbiting Kepler Space Telescope has spotted five new planets that range in size from about the diameter of Neptune to that of Jupiter orbiting stars that are hotter and larger than the Sun.

The newly discovered planets are located in distant parts of space. Data radioed back from orbital space observatory shows them to be real and distinct entities.

NASA dubbed the planets Kepler 4b, 5b, 6b, 7b, and 8b. Spokesman Jon Morse, says that these are only the first of many Kepler discoveries rolling off the assembly line.

Kepler was launched March 6th with a mission to spend the next three years hunting for Earth's sister planets. NASA says that this telescope will improve its chances by focusing on planets that are similar to Earth in size and are located at a distance from their sun that would permit the existence of water. (NASA)

**

WORLDBEAT: UK POLICE SUE OVER RADIATION EXPOSRE FROM TWO-WAY SETS

Some United Kingdom police officers say that they are preparing to sue their own force. This, over a series of illnesses they claim were caused by the radio system they use while out on patrol.

According to the on line edition of the London Telegraph, the Lancashire Constabulary was the first in Great Britain to try out the Airwave network, designed specifically to have longer range and more capacity to the emergency services and the military. Nine years after its introduction scores of officers are claiming that radiation emissions from the system have caused them to suffer such ailments as nausea, headaches, stomach pains and skin rashes.

The local branch of the Police Federation has logged 176 individual complaints. now senior officials at the police authority are seeking legal advice on how to deal with them. In fact, they have already made budget changes to allow for a contingent liability in respect of Airwave liability claims. You can read the full Telegraph article at www.telegraph.co.uk/health/healthnews/6920973/) (G3RZP, Southgate)

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WORLDBEAT: DUTCH STATION PC600P CELEBRATES PURMEREND

The Dutch city of Purmerend was founded 600 years ago and now local radio amateurs will activate the special call PC600P three times in 2010 to commemorate this event. The dates are January 1st to the 27th, May 1st to the 28th and from Sep 1st to the 28th. PA3HGP is the QSL manager. He will confirm all QSOs via bureau automatically. Cards are also available as eQSL

or via Logbook to the World.

**

WORLDBEAT: 2010 ANTARACTIC ACTIVITY WEEK

The 7th annual Antarctic Activity Week to celebrate Antarctica takes place from February 22nd to the 28th. It planners say that this years event could be better than previous years with many more stations advising of their intended participation, and the hope of an improving solar cycle. More information on this event is on-line at www dot waponline dot it.

**

ON THE AIR: POLAND, SPECIAL EVENT STATION COMMEMORATES CHOPIN

On the air, the special call 3Z0FCH will be active until June 30th. This in remembrance of Polish composer and pianist Fredric Chopin who would have celebrated his 200th birthday this year.

Fredric Chopin was born on March 1st 1810 and passed away on October 17, 1849. During his short lifetime he learned piano and most of his compositions such as his Piano Concerto No. 2 in F minor were written primarily for the as solo for that instrument. Because of this he is responsible for major innovations in the piano sonata, mazurka, waltz, nocturne, polonaise, and prelude.

Now in memory of the man and in celebration of his music 3Z0FCH is on the air. If you make contact, please QSLs to SP7PAD either direct or via bureau.

**

DX

In DX, seven hams have formed a multi-national group for a planned DXpedition to Kurdistan from April 3rd to the 11th. They will have ten day visas issued by the Government of Kurdistan ad plan to operate 160-10 meters using the callsign YI9PSE. Modes will be CW, SSB and RTTY. They will have at least 3 stations on the air with AA6G acting as their pilot. QSL will be via N6NKT. Further information can be found at www dot yi9pse dot com

RA4LW, will be active from Moldavia as ER4KAA during the CQ 160 Meter CW Contest from as a single operator high power entry. Operation is January 29th to the 31st and QSL only direct via his home callsign.

VE6LB will be operating portable A6 from Dubai through February 8th holiday style in CW on 40 through 15 meters. He has 100 watts into a G5RV antenna. QSLs direct to his home call or electronically via Logbook to the World.

E70A who has been active from Djibouti as J28OO since November of 2007 has changed his callsign to J28AA. He operates CW, SSB and RTTY on 80 through

10 meters with an emphasis on 80, 40 and 20 using Morse. His QSL manager is K2PF, either direct or Logbook to the World.

UA1PAW is now operating as R1ANR from Novo Runway in Antarctica and is expected to be there until the end of February. With the higher band closed due to bad propagation, look for him at about 20.00 UTC on 40 meters. His QSL Manager is ZS1ANF.

Lastly, YO8TLC will be active as 8Q7CE from the Maldives until January 25th. He plans to operate holiday style on 40, 30 and 20 meters, mainly CW and some SSB. QSL via his home call either direct or via the bureau.

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THAT FINAL ITEM: OLD TIME RADIO: AM TRANSMITTER RALLYE FEBRUARY 6 - 7

And finally this week, if you are a fan of old time heavy iron ham radio transmitters, or at least those that sound like heavy iron, listen up. The 2010 A-M Transmitter Rally will take place the weekend of February 6th to the 7th. Festivities begin at 6:00 AM Eastern Standard Time on the 6th and run until 2:00 AM the following morning. And if you have not heard what good A-M sounds like on the ham bands, you are in for a treat because it sounds like this:

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Actual contact audio. Hear it by downloading the MP3 file at www.arnewsline.org

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The 2010 A-M Transmitter Rally will be on 160 through 10 meters on the usual A-M frequencies. The purpose of this event is to encourage the use of Amplitude Modulation on the ham bands, and to highlight various types of AM equipment in use today. This event is open to any and all radio amateurs who are running full carrier amplitude modulation AM and any type of equipment may be used. Complete details with scoring, awards, logbook templates, and additional information is at www.classeradio.com slash amtr dot pdf

(WA3VJB)

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NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's W-I-A News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), 28197 Robin Avenue, Santa Clarita California, 91350

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Don

Carlson,
KQ6FM, in Reno, Nevada, saying 73 and we thank you for listening.

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